Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & final bill Date.....20.....

Division: Yelahanka Projects.
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No.....

Name of Work: Construction of Meeting hall in Judicial layout.

Job Code No:002-18-000017 **Est. cost: 25.00 lakhs**

Name of Contractor and Full Address : Sri. B.B. Umesh (SMLP Asphalts), Bangalore.

Work Order No: EE(Project)/ Ynk Zone/WO/191/2017-18, Dated : 19-03-2018

Certified that the measurements were taken by me on 3/01/19 and recorded in pages 161753 - 161763 of measurement Book No. 33 and that the work is satisfactorily executed.

1618 / 2017-18

Contractor

Officer-in-charge of work
3/01/19

Certified that the measurements were taken by me on 3/01/2019 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within	Total Rs.	27,99,136-00
2) Deduct amount to be held in reserve being.....percent Rs.....		
3) Deduct amount to be held in Balance		
4) Deduct Payment :		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....		
Amount adjusted towards cash advance recovery of	IT →	55983-00
b) Payments cost store or other materials supplied.	Cess →	27991-00
Now made recovery of amount creditable to this/other work	CBR →	2799-00
Amount paid on this bill Cheque/Cash	LR →	8998-00
5) Balance being unpaid value of work done held in reserve	Fine →	3900-00
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	CGST →	24992-00
7) Net amount due to or from contractor	SGST →	24992-00
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	Cheque :	~~26,15,651=~~ 26,50,381-00

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.
Witnesses :
1.

(For use in the Office)

2.

Audited & Admitted for Rs.....
Rs. 27,99,136-00
.....
Cheque Rs: 26,50,381-00
.....
Rs: ~~26,15,651=~~ by Cheque
and Rs. ~~183485~~ 148755-00 by Adjustment

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Accts. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
Executive Engineer

02/02

Initials of Officer Making Payment

3/2/19

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Construction of Meeting Hall in Judicial Layout

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	64.00	230.00	14720.00	-	-	64.00	230.00	14720.00	64.00	14720.00
	Above 125%		72.60	228.94	16621.04	-	-	72.24	228.94	16538.85	72.24	16538.85
2	Loading and Unloading of Stone Boulder I Stone cum aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications	Cum	64.00	98.00	6272.00	-	-	64.00	98.00	6272.00	64.00	6272.00
	Above 125%		72.60	97.88	7106.09	-	-	72.24	97.88	7070.95	72.24	7070.95
3	Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	53.81	6158.0	331377.00	-	-	53.81	6158.0	331361.98 69131-	53.81	331361.98 69131-
	Above 125%		11.42	6112.36	69818.00	-	-	11.31	6112.36	69149.89	11.31	69149.89

	stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	0.00	5109.00	0.00	-	-	0.00	5109.00	0.00	0.00	0.00
5	Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	0.00	118.0	0.00	-	-	0.00	118.0	0.00	0.00	0.00
6	Construction of embankment with approved material cum Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification	Cum	86.63	368.0	31878.00	-	-	86.63	368.0	31879.84	86.63	31879.84
	Above 125%		84.14	365.82	30778.00	-	-	84.09	365.82	30762.17	84.09	30762.17
7	Providing and laying in position reinforced cement cum concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	5.12	7500.0	38400.00	-	-	5.12	7500.0	38400.00	5.12	38400.00

	including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification	Qt	3.07	7986.00	24533.00	-	-	2.87	7986.00	22885.96	2.87	22885.96
9	Fabrication supplying and erecting M.S. tubular trusses of all spans as Kgs per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick t| base plate and shoe plate. The work includes cutting, straightening,placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification	KGS	8216.00	147.0	1207752.00	-	-	8215.63	147.0	1207698.20	8215.63	1207698.20
10	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications.	Sqm	0.00	3140.0	0.00	-	-	0.00	3140.0	0.00	0.00	0.00

	Trapezoidal 5qm profiled sheet of approved make (1000 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.	Sqm	326.43	950.0	310109.00	-	-	326.43	950.0	310108.50	326.43	310108.50
12	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.	m	125.00	48.0	6000.00	-	-	125.00	48.0	6000.00	125.00	6000.00
13	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary.	m	45.00	63.0	2835.00	-	-	45.00	63.0	2835.00	45.00	2835.00
14	Supplying And Fixing Metal Fan Box with Round Hook.	Nos	6.00	103.0	618.00	-	-	6.00	103.0	618.00	6.00	618.00
15	Supplying and fixing PVC/metal conduit Deep junction box 19/20mm deep junction box	Nos	20.00	53.0	1060.00	-	-	20.00	53.0	1060.00	20.00	1060.00
16	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood. after due groove cutting, Finishing with necessary cement plastering complete.10"x7"x3"(254x178x76mm)	Nos	2.00	98.0	196.00	-	-	2.00	98.0	196.00	2.00	196.00
17	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood. after due groove cutting, Finishing with necessary cement plastering complete.10"x7"x3"(254x178x76mm) 4)8"x6"x3" (203x152x76mm)	Nos	4.00	82.0	328.00	-	-	4.00	82.0	328.00	4.00	328.00

	front plank, made of not less than 16swg GI sheet after due groove cutting, fixing and required cement plastering complete in 1:2:4 (1cement:2coarse sand 1)12"x12"x9" (300x300x230mm)	Nos	1.00	131.0	131.00	-	-	1.00	131.0	131.00	1.00	131.00
19	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet.	Each	10.00	179.0	1790.00	-	-	10.00	179.0	1790.00	10.00	1790.00
20	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Each	15.00	248.0	3720.00	-	-	15.00	248.0	3720.00	15.00	3720.00
21	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Each	10.00	362.0	3620.00	-	-	10.00	362.0	3620.00	10.00	3620.00
22	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials	m	150.00	17.0	2550.00	-	-	148.00	17.0	2516.00	148.00	2516.00
23	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 2.5 Sqmm	m	150.00	28.0	4200.00	-	-	148.00	28.0	4144.00	148.00	4144.00

	for fixing switches regulated etc., and fixing on existing wooden or metal box using N.F. screws	Nos	2280.00	0.25	570.00			2280.00	0.25	570.00	2280.00	570.00
25	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size mm conduit using necessary machine screws 110mm	Nos	10.00	12.0	120.00			10.00	12.0	120.00	10.00	120.00
26	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP	Nos	10.00	39.0	390.00			10.00	39.0	390.00	10.00	390.00
27	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch 3)6Amps 3 way 5 pin Socket	Nos	8.00	59.0	472.00			8.00	59.0	472.00	8.00	472.00
28	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch 12)32 Amps Bakelite DP	Nos	2.00	176.0	352.00	-	-	2.00	176.0	352.00	2.00	352.00
29	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.32Amps	Nos	2.00	203.0	406.00	-	-	2.00	203.0	406.00	2.00	406.00
30	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.5-32Amps SP	Nos	4.00	472.0	1888.00	-	-	4.00	472.0	1888.00	4.00	1888.00
31	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.5-32Amps SP 3):3-;1 Amps DP	Nos	1.00	959.0	959.00	-	-	1.00	959.0	959.00	1.00	959.00
32	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	m	25.00	158.0	3950.00	-	-	25.00	158.0	3950.00	25.00	3950.00
33	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 25 sqmm to 75	m	25.00	39.0	975.00	-	-	25.00	39.0	975.00	25.00	975.00

	made out .. SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc.. complete.16SWG	Sqcm	8550.00	0.37	3163.50	-	-	8550.00	0.37	3163.50	8550.00	3163.50
35	Supplying patti type fluorescent tube light fitting of 4' - suitable for 28 watts fluorescent tube fitting. made out of M.S Sheet and stove enameled with HF Electronic Ballast . locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp.	Nos	10.00	755.0	7550.00	-	-	10.00	755.0	7550.00	10.00	7550.00
36	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm) Regular model	Nos	6.00	2684.0	16104.00	-	-	6.00	2684.0	16104.00	6.00	16104.00
37	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders	Nos	10.00	110.0	1100.00	-	-	10.00	110.0	1100.00	10.00	1100.00
38	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Nos	6.00	157.0	942.00	-	-	6.00	157.0	942.00	6.00	942.00
39	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit _. The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts. washers and check nuts etc.. the pipe shall have 16 through holes of 122 mm dia	Nos	1.00	3081.0	3081.00	-	-	1.00	3081.0	3081.00	1.00	3081.00

	wall thickness not less than 4 mmon on pole/adjacent crossing with necessarystamping arrangements for UG cable of 1.1 KV 40mm	m	4.00	389.0	1556.00	-	-	4.00	389.0	1556.00	4.00	1556.00
41	Supplying and fixing L.T. cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.165qmm	Nos	1.00	316.0	316.00	-	-	1.00	316.0	316.00	1.00	316.00
42	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.// - Double Door.8Way SP	Nos	3.00	1467.0	4401.00	-	-	3.00	1467.0	4401.00	3.00	4401.00
43	Providing Supplying and commissioning of 1 HP submersible Monoblock pump with starter 15mm cable with necessary GI fittings with suction & Delivery hose pipes including necessary fittings etc completed as per	Nos	1.00	11300.0	11300.00	-	-	1.00	11300.0	11300.00	1.00	11300.00
44	Providing and fixing to wall, ceiling and floor, low-density polyethylenepipes 10.00KGf/so.cn-1. working pressure25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	m	30.00	133.0	3990.00	-	-	30.00	133.0	3990.00	30.00	3990.00
45	Providing and fixing in position 15mm nominal bore brass ferrule with CI mouth cover including boring and tapping the main, cost of all materials. labour and HOM of equipments with all leads complete as per specifications.	Each	3.00	222.0	666.00	-	-	3.00	222.0	666.00	3.00	666.00
	Extra Item											

E-01	KSRD 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.48cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications	Cum	83.26	7459.36	621089.00	-	-	83.26	7459.36	621066.31	83.26	621066.31
	Total				**2801752.50**					**2799124.16**		**2799124.16**

CERTIFICATE

Rs: 27,99,136-00 Rs: 2799136-

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

B.B.
Contractor

Assistant Engineer
3/1/19

Asst. Executive Engineer,